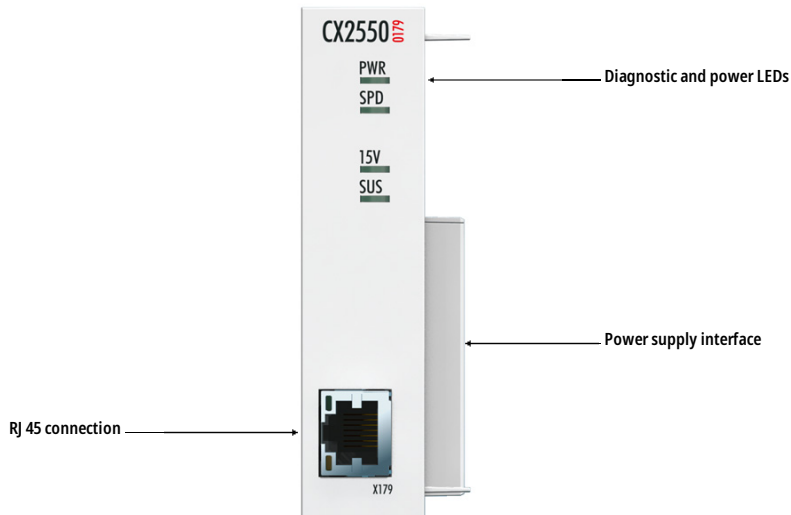
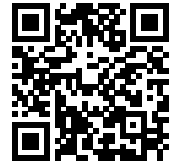


# CX2550-0179 | USB Extender Tx for CX20xx (CP69xx, CP79xx)



**i Product status:** Regular delivery

The CX2550-0179 and CX2550-0279 modules supplement the CX20xx series by the function of the CU8800 and CU8801 USB extension for Industrial PCs and enable the direct connection of Beckhoff Control Panels with USB Extended interface. The CX2550-0x79 system modules are attachments for the CX20xx Embedded PC series. They transmit USB signals via a CAT.5<sub>E</sub> cable over distances of up to max. 50 m. Both modules can be attached at the right-hand side of a CX20xx-CPU and are placed between the power supply unit and the CPU. The internal connection is made via a USB port of the CX20xx-CPU; this way, no PCI Express resources are required or used. No additional drivers are required for operation since signal transformation and forwarding of the USB signals take place at the electrical level and are completely transparent for the operating system. Each module has four diagnostic LEDs, which indicate the status of the transmission standard in addition to the power. For better visibility the LEDs of the RJ45 sockets are redundantly implemented on the lower diagnostic LEDs.

The CX2550-0179 system module transmits USB signals according to the USB 1.1 standard (full speed, max. 12 Mbit/s). It is suitable for the connection of the Beckhoff CP69xx and CP79xx Control Panel series with USB Extended 1.1 connection.

## Product information

### Technical Data

Technical data	CX2550-0179
Interfaces	1 x USB Extended 1.1
Type of connection	RJ45 socket
Properties	transmission of USB 1.1 up to max. 50 m via Cat. 5 <sub>E</sub> cable
Diagnostics LED	1 x power, 1 x speed, 1 x +15 V, 1 x suspend

<b>Power supply</b>	via system bus (through CX2100-0xxx power supply modules)
<b>Dimensions (W x H x D)</b>	24 mm x 99 mm x 54.5 mm
<b>Weight</b>	approx. 190 g
<b>Operating/storage temperature</b>	-25...+60 °C/-40...+85 °C
<b>Relative humidity</b>	95 %, no condensation
<b>Vibration/shock resistance</b>	conforms to EN 60068-2-6/EN 60068-2-27
<b>EMC immunity/emission</b>	conforms to EN 61000-6-2/EN 61000-6-4
<b>Protection class</b>	IP 20

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